

What's With These Jokers Who Believe Themselves Immune From Mortal Mishaps Just Because 'I Haven't Been Hurt Yet'

Safety Rules Grow From Bitter Experience

(Editor's Note—Are there any Y-12ers who have refused to heed warnings to heed their unsafe ways of work just because — "I haven't been hurt yet"? If so—read this article by Robert D. Gidel that appeared in the National Safety News. It should click.)

What's with these jokers who think they are immune from mortal mishaps—want to limit their knowledge to their own experience—and won't believe anything unless they were in on it?

They are the ones who refuse to change their unsafe ways by saying, "I haven't been hurt yet."

For sure, you can't believe everything you're told—you have to figure out the other guy's angle. But, how in the heck can a guy have an angle when he just urges you not to hurt or kill yourself!

You can't rely on hearsay about dimes because some guys tend to



overstate their achievements. You can't rely on "the dope" about horses because nobody knows the horses' plans. The stock market is subject to fluctuations for whimsical reasons, and you can't rely on the capricious nature of the weather.

But, we can benefit by observing how others goofed!

We don't do things now as they

Everyone Can Benefit From Others' 'Goofs'

did 50 years ago because a lot of people got into trouble, experimented with changes, and determined better ways to do them. Why be so old-fashioned as to pull the same dumb stunts Adam did? That's as bad as stumbling into the same snake pit twice.

The guy was right who, when asked if he would make a practice parachute jump, answered, "Darned if I'm gonna practice anything you have to do perfect the first time." The odds aren't a lot different in many of our everyday activities, so that same philosophy should be followed by more people at work, at home and on the road.

So, Mac, why argue with safety precautions? They were developed from experience—of the bloody, heart-breaking, family-shattering type.

Everyone knows you're better than the other guy—and it won't happen to you — so why chance getting mangled just to prove it?

Two Y-12 Men Picked As ASTE Officers

Green And Drumwright Chairman, Secretary



W. E. Green R. Drumwright

Two Y-12ers were elected to office last week by the Knoxville-Oak Ridge Chapter, No. 107, American Society of Tool Engineers. They are W. E. Green, assistant general foreman in A Mechanical Operations, promoted from first vice chairman to chairman of the chapter; and Roland Y. Drumwright, Jr., a foreman in the same department, selected as secretary. The election meeting was held at the Dwarf Restaurant on the Knoxville-Clinton Highway.

Other officers elected last week were R. C. Prueitt, Knoxville, first vice chairman; Horace Cole, Johnson City, second vice chairman; and James Slagle, Knoxville, treasurer. R. O. Deaderick, of Knoxville, is the retiring chairman.

The new officers will be installed at a meeting in the Oak Terrace in Oak Ridge on Monday night, March 25. The meeting will be at the same time the national convention of the ASTE is being held in Houston, Tex., and convention proceedings will be heard here by a closed radio circuit.

The Y-12 Plant is well represented in the ASTE with approximately 50 members, according to Chairman-elect Green.

STOCKHOLDERS INCREASE

Nearly 9,000,000 Americans now own stock in United States corporations. This is an increase of 33 per cent since 1952.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated

29 Days Or

908,208 Man-Hours

(Unofficial Estimate)

Without A Disabling Injury

Through February 10

Phone 7755

For Daily Report On Accident-Free Hours

Central Safety Group Sets Meeting Friday

Strengthening Of Plant Safety Program Is Aim

The first meeting of the recently formed Y-12 Plant Central Safety Committee is scheduled for Friday of this week, February 15. George A. Strasser, Assistant Y-12 Plant Superintendent, will preside at the first meeting of the group.

The Central Safety Committee was organized with the objective of formulating and approving new methods or ideas to strengthen the accident-prevention policies in the Y-12 Plant. Under a rotation plan the Y-12 Plant Superintendent and the Assistant Y-12 Plant Superintendent will alternate as chairmen of the committee. Permanent members of the committee will be George W. Flack, Industrial Relations Division Superintendent; and Lee Bagwell, Head of the Safety Department, who is secretary of the group.

Two division superintendents also will alternate in membership, serving three months each. The first two division superintendents on the committee will be W. K. Whitson, Alloy; and J. W. Ebert, Maintenance. The Plant Shift Superintendent on duty at the time of the monthly meetings also will serve on the committee.

At its monthly meetings, the Central Safety Committee will review the accident and injury experiences in the plant. It also will tour the plant once every three months to make spot checks on safety matters and a general evaluation of the safety program.

TV SETS PLENTIFUL

Recent statistics reveal that there are more than 50,000 color television sets now in use in the country and 40,000,000 black and white sets.

NAB ME, NAB MY DOG

When Twin Falls, Idaho, police attempted to carry a drunk off to jail, his dog didn't like it. So both were locked up in the same cell.

Credit Union Members Asked To Pick Up Statements Soon

Members of the Y-12 Employees Federal Credit Union are urged to pick up their statements on share and loan accounts, which were made available on Monday of this week. They may be picked up at the Credit Union office, North Portal, and include the status of accounts through January 31, including assignment of the 1956 dividend of 4.2 per cent to share accounts.

By picking up the statements at the office, mailing of them to homes will be unnecessary.

Schedule Change Announced For Property Sales Group

Effective March 1, the schedule of retail sales from the Property Sales Department at the Elza Gate warehouse will be substantially changed. After that date the retail sales will be discontinued on normal week days and be available on only two Saturdays each month.

For the month of March the retail sales section will be open on March 9 and March 23, with April sales being scheduled for April 6 and April 27. The hours will be from 8 a.m. to 4 p.m. All excess and salvage materials will be sold through sealed bid sale or auction, as required by law.



JANUARY'S Picture of the Month in the Y-12 Weekly Photographic Contests was this photograph of his daughter by Harley Low, General Machine Shop, which won the contest for the week ending January 4.

UCC Sales In 1956 Set All-Time High

Eight Per Cent Hike Over 1955 Recorded

Sales of Union Carbide and Carbon Corporation in 1956 increased eight per cent over 1955 sales and were the highest in the Corporation's history, Morse G. Dial, president, has reported. Sales in 1956 amounted to \$1,324,506,774, as compared with sales of \$1,230,554,556 in 1955. The operations of the Visking Corporation, the business of which was acquired by Union Carbide on December 31, 1956, have been consolidated in Union Carbide's financial data for 1956. All 1955 data include Visking operations on a combined basis with the exception of inter-company sales, which have been eliminated.

Net Income Also Up

Net income for 1956 amounted to \$146,233,444, or \$4.86 a share, on 30,088,510 shares outstanding. This compares with net income in 1955 of \$145,834,416, or \$4.86 a share, on 29,991,068 shares (including the 864,449 shares issued on December 31, 1956 for the net assets of the Visking Corporation).

Excluding Visking operations, Union Carbide's sales in 1956 were \$1,279,235,725, as compared with \$1,187,153,197 in 1955. Net income in 1956 amounted to \$141,124,629, or \$4.83 a share, as compared with \$140,755,858, or \$4.83 a share, in 1955.

Steel Strike Affected Earnings

The increase in sales in 1956 was primarily a result of a larger physical volume of sales. The fact that earnings did not keep pace with sales was mainly because of the month-long steel strike during July, which affected the operations of several of the Corporation's major product groups; and general increases in the cost of doing business resulting from higher wages and increased costs of materials.

Income before depreciation, amortization, and federal income taxes amounted to 31 per cent of sales in 1956, compared with 33 per cent in 1955. Depreciation and amortization charged against income amounted to \$113,888,642, an increase of five per cent over 1955.

The annual report of Union Carbide and Carbon Corporation will be mailed to stockholders about February 26.

UCNC Activities Are Widespread, AIChE Informed

Company Is Producer Of Vital Metals; Expansion Is Aim

George Jenkins, manager of chemical processing in the department of commercial application of atomic energy for the Union Carbide Nuclear Company, gave members of the Knoxville - Oak Ridge Section of the American Institute of Chemical Engineers an interesting outline of nuclear activities of Union Carbide and Carbon Corporation, of which UCNC is a Division, last week in a talk at Oak Ridge.

Largest Producer Of Tungsten

He pointed out to the AIChE members that UCNC, in addition to operating the Y-12 Plant, the Gaseous Diffusion Plants at Oak Ridge and Paducah, Ky., and the Oak Ridge National Laboratory, is a leading producer of uranium, the largest producer of tungsten and a major supplier of vanadium and molybdenum in the United States.

Much of this supply is obtained from mines and mills in Rifle and Uravan, Col.; and Bishop, Cal. More mills are being planned and mining properties are being acquired. In keeping with the UCC philosophy of being raw material suppliers for industry, UCNC is striving to improve mining and milling methods in an effort to lower costs of obtaining these metals through improved production and manufacturing methods.

New Markets Investigated

New uses and broader markets are being investigated for these metals and research and development work is being carried on in the production of other metals and of a new group of metal chemicals, Jenkins declared.

In the field of nuclear radiochemistry, Jenkins stated, UCNC now is serving as consultants of reactor designs and construction. The Company also is carrying on research work in the reprocessing of spent fuels from reactors.

New research laboratories for UCNC are now under construction in Orange County, N. J., some 40 miles from New York City. These laboratories will include a research reactor for use of UCNC personnel as well as for research projects of other Union Carbide Divisions. At present, the research work of UCNC is being done in the various laboratories of other Divisions of UCC.

Company Formed In 1955

Union Carbide Nuclear Company was formed in August, 1955, for the purpose of integrating and promoting the diverse nuclear activities of Union Carbide and Carbon Corporation. Officers of Union Carbide Nuclear Company are Lyman A. Bliss, president; Clark E. Center, Lauchlin M. Currie, William M. Smart, Adolph Q. Lundquist and Oscar F. Holmgren, vice presidents; Dr. Frank M. Hurd, director of research; Charlie Kerr, manager of mining and milling; William Piper, manager of new construction; Albert E. Pufhal, manager of sales and development; and George Jenkins, manager of chemical processing.

The Bulletin

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Y-12erIsCo-Chairman Of AIIE Conference

Kyle Reed To Preside At Opening Friday

Kyle Reed, of the Y-12 Accounts and Budget Department, will be co-chairman of the fourth annual regional conference of the American Institute of Industrial Engineers Friday and Saturday of this week, February 15 and 16, at the University of Tennessee in Knoxville. Reed, a member at large of the AIIE board of directors, will preside at the opening session of the conference Friday morning at the Student Center at UT.

Austin Reed, of the Safety Department, is chairman of the proceedings committee for the conference and John Harding, of the Mechanical Operations Division, has been assisting with publicity for the affair. In addition to these three Y-12ers, several more industrial engineers in the plant are expected to attend the meeting.

The program for the two-day conference will include discussion of subjects relating to management control with both government and industry industrial engineers scheduled for talks. Prof. Howard P. Emerson, head of the university industrial engineering department, is president of the AIIE. The association national executive committee and the editorial board of the Journal of Industrial Engineering also will meet during the conference.

Free Photography Course By Camera Club Continues

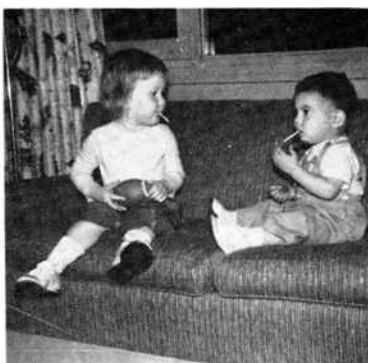
The free course in photography offered by the Carbide Camera Club is continued tonight, February 14 on black and white film. The class will be in the new AFL-CIO Union Hall in Grove Center, beginning at 7:30 p.m., and all Union Carbide Nuclear Company employees in Oak Ridge and their wives are eligible to take the courses, which are taught by Carbide Camera Club members.

Following the class tonight, there will be four more sessions held. The dates of the meetings and subjects to be discussed are February 20, printing and enlarging; February 27, color film; March 6, flash photography and March 13, theory of exposure. All meetings will be at the Union Hall from 7:30 p.m. to 9 p.m.

ACS Section To Hear Talk By Dr. Lyman C. Craig

All Y-12 members of the East Tennessee Section of the American Chemical Society are urged to attend the meeting of the section next Tuesday night, February 19. The meeting will be at 8 o'clock at the Robertsville Junior High School following a dinner at the Oak Terrace at 6:30 o'clock. Dr. Lyman C. Craig, of the Rockefeller Institute for Medical Research, will speak on "Isolation and Characterization of Substances by Extraction."

Are you a tail-gater?



ANOTHER WINNER in the Weekly Y-12 Photographic Contest was racked up by O. F. Hill, Chemical, for the week ending February 8 with the picture at top showing his three-years old daughter, Connie Kay, left, entertaining neighboring Charles Green, just two, at a sucker tea. Charles is the son of Henry T. Green, also of Chemical. The lower picture by Howard Horne, Maintenance Planning, of his two youngsters in a portable swimming pool, took second place.



Get well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Grady L. O'Kain, Paul E. Shepherd and Carl Oddy, Buildings and Grounds; J. L. Waddell, B Mechanical Operations; D. C. Lambert, Alloy Maintenance; James E. Livingston and R. B. Carter, General Machine Shop; B. W. Beckham, C. C. Nelson and Robert W. Jenkins, Research Services; R. E. Pope, Chemical; Nell McGinnis, Collex Operations; Holland W. Dake, A Mechanical Operations; W. E. Ramsey, Beta Two; Frank W. Gallagher, Maintenance Planning; John S. Orr, Electrical Maintenance; H. C. McBirney, Mechanical Operations Division; Harold W. Babb, F Mechanical Operations; Glenn Stones and C. E. Guinn, Janitors.

AEC Extends Portsmouth Contract For Four Years

The contract for operation of the Atomic Energy Commission's Portsmouth, Ohio, Area gaseous diffusion plant by the Goodyear Atomic Corporation has been extended for four years, it has been announced by S. R. Sapirie, manager of the AEC Oak Ridge Operations. The new contract runs until June 30, 1961.

The Portsmouth Area Plant is one of three AEC installations for the separation of fissionable Uranium 235 by the gaseous diffusion process, the others being the K-25 Plant in Oak Ridge and the Paducah, Ky., plant. Both of these are operated for the AEC by Union Carbide Nuclear Company.

D Shift Schedules First Bingo Party February 20

The first shift bingo party of the year has been scheduled by Y-12ers on the D Shift for next Wednesday night, February 20. The party will be held at the Oak Terrace and not only D Shift employees but everyone in Y-12 is invited to attend the affair. The festivities will begin at 8 p.m.



Not until the traditional 40 days and 40 nights of continuous rain have passed will this Colyum comment editorially on the weather—then the mailing address of The Bulletin might be care of USS Ark, Captain Noah, commanding.

For those still afloat—here's the gleaming of the news around the premises.

MECHANICAL OPERATIONS

It's fine to have **Tim Watt** back on the job in B Mechanical Operations—he has been ailing and his news notes on that gaudy yaller paper have been missed . . . However, Tim's dope this week is mostly on more sick folks . . . **J. L. Waddell** was recuperating last week at Oak Ridge Hospital. . . **J. J. Campbell** was expected to be out of Baptist Hospital and on the way home soon . . . Others on the misery list included **D. J. Schafer**, **H. M. Malicoat** and **I. D. Gilley** . . . Welcomed back after illnesses are **F. W. Rutherford** and **Jack Neal** . . . On the vacation list were **L. D. Grice** in Knoxville and **R. L. Robertson** in Vasper, Tenn. . . **A. Smith** and **L. A. Watson** got away without forwarding addresses . . . **J. G. Walpool** entertained Mr. and Mrs. Mark N. Franklin, III, of Miami, Fla., his daughter and son-in-law, for a week as the Franklins stopped over on the way to St. Louis, Mo., where they will make their home.

D Mechanical Operations extends get well wishes to the mother of **R. Q. Love**—she has been hospitalized for some time . . . Folks around the department believe that the **M. L. Patterson** cigar supply has about been exhausted—and that Christmas needs to come again soon . . . Paddling new 1957 automobiles — fully equipped with pontoons, of course — are **B. E. Rowland** and **J. W. Rolston**.

Frankie DuBose, F Mechanical Operations, is beaming these days —her son, **Ronnie**, is home from naval basic training in California and she is vacationing to be with him for a few days before he takes off for duty at the Great Lakes Naval Station at Chicago . . . **Neal White** is back after a damp two-week vacation in Knoxville . . . The department warmly welcomes **C. E. Day** back after a three-month illness . . . Likewise to **A. Neal**, who has been off sick for some time . . . Get well wishes are sent **C. H. Edwards**, who recently underwent major surgery at the Rockwood Hospital . . . Also to **J. B. Moss**, another sick list victim.

E. M. Neal, General Machine Shop, has been receiving congratulations on becoming father of a son born January 31 at Oliver Springs—he weighed seven pounds, 14 ounces and was named **Danny Stephen** . . . Sympathy is extended **T. J. Knudsen**, who was called to Highland Park, Ill., last week because of the death of his brother-in-law, **Edward Christenson** . . . Vacations last week included **M. S. Baker** and **J. R. Gresham** at home in Knoxville, **J. B. Fincher** and **A. D. Douglas** in Oak Ridge and **J. A. Hunt** at Madisonville . . . **O. K. Sergeant** went up to Lexington, Ky., recently to enter his daughter in the University of Kentucky for the second semester.

CHEMICAL

June Sherrill, Chemical Department, and her husband left the small oceans around home for a look at the big one in Miami while vacationing for a week . . . **Jo Ann Baker** spent a week in Birmingham visiting her brother and his family . . . Get well wishes are extended **R. E. Pope**, ill in Oak Ridge Hospital.

FINANCE AND MATERIALS

The Materials Department extends condolences to **S. K. Ray**,

whose mother died recently . . . Rapid recovery wishes to **Warren Bass**, who is recuperating after a stay in Oak Ridge Hospital.

The **Patrick** brothers, **O. W.** and **Lawrence**, are both back at work in Property Sales after a week's illness . . . **Morris Perry** and **J. D. Collins** are reported doing sentry duty on Contract 40 in Y-12—(maybe to keep it from floating away?) . . . **Bob Brackney** is back from Paducah, Ky., where he arranged for sale of salvage from that fire up there some time back. . . **John K. Jenkins**, the Kingston land owner, is reported planning the purchase of a new automobile — after seeing **Floyd McClure** sporting one of the products advertised by Tennessee's own **Dinah Shore** and **Old Knob Nose Bob Hope**—(PLEASE, no advertising in this space) . . . Some undecipherable notes were received concerning **L. Pace**, **U. Hicks**, **A. Griffith** and **D. Ford** in connection with the Department For The Manufacture Of Steam . . . Anyhow, they get their names in the paper.

INDUSTRIAL RELATIONS

The Guard Department — and his friends up in Bldg. 9704-2 where he keeps an eagle eye on the first floor hallways—welcome **L. E. Bellamy** back after a long illness . . . **Lieut. W. C. Nelson** is out of Oak Ridge Hospital and recovering at home from a heart attack . . . **W. M. Queener** is welcomed back after a tonsillectomy.

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

B Shift Superintendent **Finley Creigh** is hearing all about the Marines from his son—home on leave . . . **Jean Granstaff** is welcomed back to the Shift Superintendents office after being away for a few days on account of the illness of her father at Dowelltown, Tenn.

J. T. White, General Utilities, is vacationing at home in Clinton. . . **Ken Bernander** is vacationing again—this time with the objective of helping take care of that new son, **Nels David**.

ALLOY

K. L. Stephenson was on vacation last week, Alpha Four reports, taking care of his house—(probably anchoring it).

TECHNICAL

Development Operations welcomes **A. C. Grundmann** and **H. A. Tunnell** to the Mechanical Development group . . . The **J. M. Turleys** spent a recent week end in West Virginia.

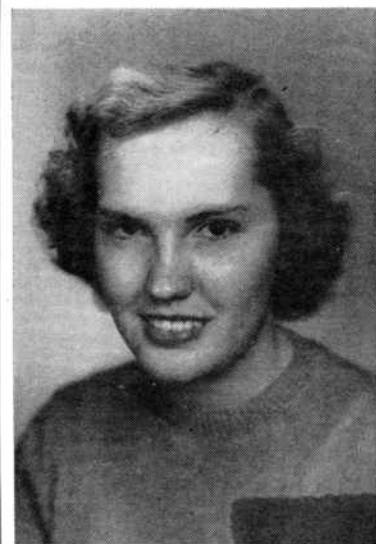
The Special Projects Department is happy to wring the Tennessee mist out of its welcome mat so it could be rolled out for **Frank Ballenger**.

Production Analysis extends get well wishes to its ailing folks — **L. D. Keele**, **D. B. Ward**, **L. W. Jenkins** and **F. C. Thornton**, ill last week . . . Likewise to the mother of **Margaret Eager**, who broke her hip in a recent fall.

Carolyn Kitchens, of the Production Assay C Shift, was hostess January 30 at a bridal shower at her home in Knoxville for **Chloegene Brown** . . . C Shifters are agog over the feat of **Jean Griffin** in planting some apple trees during the deluge . . . **Dot Moore**, of A Shift, planned to visit her family in Alabama on her long break.

News flash from Laboratory Operations!!! **Doris Brogan** came in last week sporting a big diamond ring . . . More news hoped for soon.

Mechanical Engineering extends sympathy to **L. L. Brown** in his triple dose of trouble . . . His two-year-old son was scalded and now is recuperating at Oak Ridge Hospital . . . "Brownie" is down with the flu . . . Then to cap it all word was received that his wife's



Miss Joanna Joyce Myers



MYERS—POWERS

The engagement and approaching marriage of two well-known and popular Y-12 employees has been announced by the parents of the bride-elect. Miss Joanna Joyce Myers, of the Alpha Four group of the Collex Operations Department; and Bobby Lee Powers, of Beta Two of the same department, will be married at 2 o'clock Saturday afternoon, February 23, at The Chapel-On-The-Hill.

The Rev. Harley Patterson, pastor of the Oak Ridge United Church, will officiate at the nuptial ceremony.

Miss Myers is the daughter of Mr. and Mrs. James Ruble Myers, Route 3, Clinton, Tenn. Parents of the groom are Mr. and Mrs. Daniel L. Powers, Oak Ridge.

The couple will live in Oak Ridge.

Cost Accountants To Hear Address By Chicago Man

J. E. Hossack, assistant vice president of the American Appraisal Co., Chicago, Ill., will speak at the February dinner meeting of the Oak Ridge-Knoxville Chapter of the National Association of Cost Accountants next Tuesday, February 19. The meeting will be at the Oak Terrace restaurant, with a social hour at 6:30 p.m., dinner being served at 7 p.m. and the technical session at 8 p.m. All Y-12ers interested in the technical session are invited to attend, even if they are unable to attend the dinner meeting.

Hossack, a graduate of Worcester Polytechnic Institute and the Harvard Graduate School of Business Administration, will speak on "Control of Fixed Assets."

mother died at Hutchinson, Kan., on February 4 . . . Get well wishes are sent **E. J. Asbury, Jr.**, who is recuperating at his home in Oak Ridge after an operation at Baptist Hospital, Knoxville.

Some people can drink just as well sittin' down as they can standin' up. But most cannot stand up so well after they have been drinkin' sittin' down as they can sit after drinkin' standin' up.

This above contribution from another publication just shows to go you howcome that constant drippin' and drippin' and drinkin' and such affects some people.

Oh well, after all—



LEN HART RETAINS Y-12 BOWLING CHAMPIONSHIP



HERE ARE TWO BOWLING TEAMS that are doing all right in their respective Y-12 Plant leagues. At left are the Scrappers of the Mixed League, the kglers and kglerettes from left being Helen Brown, Herb Oliver, Mary Cusman and Tommy Hillard. The Ramblers of the B Shift League are shown at right, bowlers being R. D. Schen, Jim Messenger, K. D. Thompson, E. E. Brazeale and J. P. Tallent.

Title Holder Pairs With Smith To Win Men's Doubles; Trotters Cop Crown

Gambill High Scratch And Handicap In Singles; Rippers And Rebels Runners Up In Team Contest

Little Len Hart successfully defended his Y-12 Plant bowling championship last week end at the Oak Terrace by turning in a 1731 scratch all-events score in the 1957 plant tournament. His 1957 score topped the 1623 posted last year. It was the third straight win for Hart in the plant tournament.

In addition to defending his crown, Hart also had the best single scratch game of the event with a 243 and he teamed up with Clyde Smith to win the men's doubles with a 1127 scratch score.

A dark horse team took scratch and handicap honors in the tournament, the Trotters rolling 2641 and 2998. The Rippers were second scratch with 2454 and the Rebels were handicap runners up with 2454.

Running second to Smith and Hart in men's doubles were Ed Gambill and Frank Gragg with 1090 scratch. In handicap scoring E. S. Henck and Cecil McCoig came out on top with 1290, followed by Dick Brothers and D. Smith at 1259.

Mavis Koons and Roy Roberts copped the mixed doubles crown with a 959 scratch score. Evelyn Tucker and Elbert Scott had the best handicap score of 1144. Katie Williams and Charley Gillihan, the defending champions, were second in both scratch and handicap with 916 and 1141.

In men's singles Ed Gambill had the top scratch and handicap scores of 602 and 686. Ernie Collins was second scratch at 573 and W. J. Hatcher second handicap with 667.

The high handicap single game score was 274 by Brothers. Runner up to Hart in the all-events was Clyde Smith with 1576. In handicap all-events scoring Gambill was first with 1953 and Hatcher second at 1868.



Len Hart

Playboys Parade To Classic Lead

First place in the Classic League is a precarious position and not held for long during the second third of the season in the plant keglering loop. The Bumpers, holders of the top rung up to last Thursday night, were bumped for three points by the third-place Screwballs and relegated to third while the victors scooted into second. The Playboys took full advantage of these activities and hopped into the lead by trimming the Tigers for four points. The Playboy win gave them the second round championship.

Meanwhile, the Rebels came back to life after a pair of dismal weeks on the alleys and blanked the Wolves. Three-point wins were posted by the Rippers over the Wasps, Has Beens over the All Stars and Cubs over the Swingsters.

The veteran Roy Roberts, Has Beens, had the best scratch scores of the night with a 215 game and 557 series. Carl Frazier, Screwballs, rolled a 248 handicap game and Don Pitts, Swingsters, a 651 handicap series for tops. The Bumpers' 836 scratch game and 2402 series were tops as were the Playboys' 1011 handicap game and 2874 series.

Team	W	L
Playboys	29	15
Screwballs	28	16
Bumpers	27	17
Rippers	26	18
Has Beens	24	20
Rebels	24	20
Wasps	21	23
Wolves	19	25
All Stars	19	25
Tigers	16	28
Swingsters	16	28
Cubs	15	29

Hunters Downed By Hawks In V-Ball

The Hunters fired but missed at the Hawks in the Y-12 Volleyball League last week, the loop leaders taking two straight games by 15-10 and 15-9 to remain unbeaten in the second half of the season. The Spliffs took a pair of hard-fought games from the Beavers by identical scores of 15-13 and then got a forfeit from the Sooners, putting the winners just one game out of second place.

Team	W	L
Hawks	12	0
Hunters	8	4
Spliffs	7	5
Sooners	0	9
Beavers	0	9

Four Teams Have Chance For Cage Title As Basketball Race Nears Sizzling End

Action was skimpy as conjecture rose last week as to the outcome of the Y-12 Plant Basketball League. With the second half of the season ending Thursday night of this week, February 14, a duplicate of the deadlock of the first round of play was entirely possible and the only certainty about the entire situation was that it won't be over until the last whistle is tooted.

Any one of four teams have a chance for the second round crown. The unbeaten Wizards picked up a forfeit from the Rebels last week to hold a half game lead over the Wildcats, which had the only court action of the week with wins of 29 to 18 over the Also Rans in an abbreviated contest, and a 51 to 32 triumph over the C Hawks.

The Bombers also picked up a forfeit from the Rebels, which dropped out of the circuit, and held third place, another half game out of the second place and one game ahead of the pesky Sharpshooters.

In games this week the Wizards are slated to play the Bombers and the Cubs while the Wildcats have a difficult assignment with the Bombers. On paper the Sharpshooters have an edge over their foes of the week, the C Hawks and Also Rans. However, form seldom runs true in these scraps—so anything can happen.

The first half playoff game between the Bombers and Wildcats could not be settled this week because of schedule difficulties and the fact that the Wildcats wanted an extra game set for the playoff instead of counting the regular contest of Tuesday night.

League standing and scores by quarters of games last week follow:

Team	W	L
Wizards	5	0
Wildcats	5	1
B Bombers	4	1
Sharpshooters	3	2
C Hawks	2	3
Cubs	2	3
Also Rans	1	5

Team	W	L
Wildcats	10	22
Also Rans	4	14

Called at end third quarter by agreement.

Team	W	L
Wildcats	10	31
C Hawks	12	14

scratch and 236 handicap. Carl Frazier, Sr., of the Seven Ups, sizzled a 500 scratch and 596 handicap scores for tops. In team scoring the Seven Ups had the best game tallies of 721 and 959 while the best series scores were 1989 and 2968 by the Ramblers.

Team	W	L
Bumble Bees	9	3
Ramblers	9	3
Seven Ups	7	5
Challengers	6	6
Crocodies	4	8

Careful with a car full.

Hornets, Sooners Climb In C League

The Hornets and Sooners solidly advanced in the C League of Y-12 Plant bowlers last week, the former stinging the Rusty Five and the Sooners sinking the Engineers, each by a juicy four-point whitewash. The Q Balls mauled the loop-leading Murderer's Row for three points and the Deltas downed the Cards by the same margin.

The Hornets took all team scoring tops with scores of 819, 1017, 2354 and 2948 across the board. After Cecil McCoig, of the Sooners, had posted a 192 scratch game for best of the night the veteran Jim Haggard, of the Hornets, showed up with a 506 scratch series to lead there. J. R. Love, of the Q Balls, had a 239 handicap game and 632 handicap series.

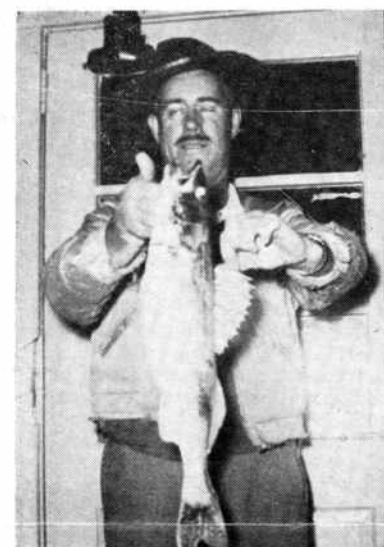
Team	W	L
Murderer's Row	20	8
Hornets	17	11
Sooners	16	12
Deltas	15	13
Rusty Five	13	15
Q Balls	13	15
Engineers	10	18
Cards	8	20

Attendance Doubled At Women's Classes

Attendance at the women's physical fitness and exercise class for all feminine employees of Union Carbide Nuclear Company in Oak Ridge nearly doubled at the second session of the group on Tuesday, February 5 over the opening meeting held the previous week. The last week's gathering at the Woodland School gymnasium drew 25 in comparison to the 13 turning out for inauguration of the class. Of this number 19 were from Y-12 and six from Oak Ridge National Laboratory.

Barbara Pullen and Bonnie Reesor, of the Y-12 Cashier and Travel Office, again led the class in calisthenics and games. In addition to the instructors other Y-12 women attending included Jane Walker, Verna Morris, Lucy Hatmaker, Margie Gilliland, Carrol Bailey, Joanna Rowan, Dorothy "Bill" Grizzell, Violet Sanford, Ronnie Stenglein, Norma Kennedy, Doris Thomas, Fran Willie, Vangie Munion, Mavis Kohler, Regina Camp, Virginia Boswell and Peggy Silver.

All Y-12 women employees as well as those from ORNL and K-25 are invited to turn out for the weekly Tuesday night classes at Woodland School.



THE ANGLERS are starting with big 'uns this year in the Y-12 Annual Fishing Contest. Dig this hefty sauger bagged by Evan Means, Research Services, from Watts Bar Lake with a dolly fly as a lure. It is sure to be a contender for first place—but there still are a lot more just as big swimming around to give Y-12 fishermen a workout.

Sharpshooters Hold Pistol Loop Lead

The Sharpshooters held their lead in the Y-12 Plant Pistol League in February 1 matches with a win over the Experts while the Marksmen kept pace by trimming the Masters. The pistolers are scheduled to fire again tonight, Wednesday, February 13.

P. H. Williams led the Sharpshooters in both scratch and handicap scores with 253 and 286.201. For the victorious Marksmen T. J. Bush had the high scratch score of 256 while C. G. Brewster posted a 290.185 handicap tally. The Y-12 team score was 1243 scratch and 1433.245 handicap.

League standing after the February 1 firing follows:

Team	W	L
Sharpshooters	17	7
Marksmen	15 1/2	8 1/2
Masters	10 1/2	13 1/2
Experts	5	19

Ramblers Sting Bees To Tie Race

The Ramblers hung a three-point stinger onto the Bumble Bees in the B Shift League last week to tie the Buzzers for first place. The Seven Ups chased the Challengers for three and the Crocodiles picked up four points on a forfeit.

Ed Beeler, Bumble Bees, had the best single game scores with a 193

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AWS Lectures Set February 18 And 25

ORNL Men Will Speak In Educational Series

The last two lectures in the annual education series being presented by the Northeast Tennessee Section of the American Welding Society will be held on Monday night, February 18 and Monday night, February 25. Both lectures are scheduled for 8 p.m. in the Green Room of the Ridge Recreation Hall in Oak Ridge and all Y-12ers and others interested in the subjects offered are invited to attend.

Peter Patriarca, head of the welding and brazing group of the Oak Ridge National Laboratory metallurgy division, will be the February 18 speaker. His subject will be "Development of a Welding Procedure Specification" in which he will stress the need of such procedure specification and the achievements to be derived in obtaining sounder weldments and reduction of costly rejections. Patriarca is a graduate of Rensselaer Polytechnic Institute with both a B.S. and M.S. degree.

On February 25 the speaker will be Alfred Taboada, head of the ORNL metallurgy division inspection group for the aircraft nuclear propulsion program. His topic will be "Metallurgical and Nondestructive Inspection of Weldments." He is a graduate of Newark College of Engineering and also has a B.S. and M.S. degree from Rensselaer.

J. Clyde Bowles, of the Y-12 Mechanical Inspection Department, opened the lecture series February 4.

Work Of Ridge Lions Club To Be TV Program Subject

Activities of the Oak Ridge Lions Club will be explained on a television program Sunday night, February 17, sponsored by the Oak Ridge Council of Civic Clubs. The program will be presented over Knoxville Television Station WBIR-TV, Channel 10, from 10:30 p.m. to 11 p.m.

A former Y-12er, Glenn Williams, and W. A. Van Fleet will outline aims and accomplishments of the Lions Club on the program. A guest panelist will be S. R. Sappie, manager of Oak Ridge Operations of the Atomic Energy Commission. C. G. Wilder, head of the American Museum of Atomic Energy, also will be on the program.

TASTY DISHES SELECTED FOR SPECIAL LUNCHES

Tasty dishes have been arranged for the Y-12 Cafeteria Special Lunches to be served tomorrow, Thursday, February 14; and next Tuesday, February 19. For tomorrow the 50-cent Special Lunch will have ragout of veal for the entree while next Tuesday Italian spaghetti with meat sauce will be the main dish. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

Clippers Finally Lose Point, To Units

The Clippers of the Mixed Bowling League of Y-12 Plant men and women keggers finally suffered the first blot on their escutcheon for the second half of the season last week when the Units did what no other team has done for several weeks — take a point from the haughty loop leaders. Of course, the Units lost three while so doing, but proved that the Clippers are vulnerable. In other matches of the night the Nip and Tucks took the Scrappers for three, the Knockouts and Oleos split even and the Pin Cats picked up four points in a forfeit.

The Clippers maintained their superiority in all team scoring with a 601 scratch and 802 handicap game, 1685 scratch and 2288 handicap series. Carl Frazier, Sr., of the Units, posted a 193 scratch game for high and Lois Secrist, Clippers, the best handicap game of 235. Although without opposition, J. M. Sprouse, of the Pin Cats, rolled for record and had the best series scores of 487 and 613.

League standing follows:

Team	W	L
Clippers	23	1
Pin Cats	17	7
Scrappers	15	9
Knockouts	13	11
Units	10	14
Nip and Tucks	10	14
Oleos	8	16

'Miniskop' Is Real Gadget For Fishing

That "Miniskop" fishing gadget reported in The Bulletin's Strictly Confidential column last week is not just a creature of imagination—but a real device developed by the Radio Corporation of America, New York. It is claimed to be able to find fish electronically, tracing out everything from sardines to whales in depths of water from 18 inches to 500 feet.

The portable "Miniskop" can, the manufacturers claim, instantly notify the man behind the pole about schools or individual fish, identifying the unsuspecting fish by size and type and indicates the most likely spot to dangle bait or lure. It works equally well in salt or fresh water.

The gadget measures less than one foot square, weighs about 26 pounds and may be equipped with handles to enable anglers to roam the length of his boat. It can be operated on batteries of six, 12 or 24 volts.

British Scientist To Talk At Joint Seminar Session

Dr. P. C. Thonemann, of the Atomic Energy Research Establishment at Harwell, England, will speak at a joint meeting of the Oak Ridge Physics and Sherwood Seminar at 3:15 o'clock on Friday afternoon of this week, February 15. The meeting will be in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. Dr. Thonemann's subject will be "British Thermonuclear Research." Y-12ers interested in the topic are invited to attend.

Carelessness is a grave mistake.



JERRY DEXTER SALTS, 5, now can enjoy that fancy cowboy suit he got for Christmas from Fred J. Salts, his father, a foreman in Buildings and Grounds. Young Jerry Dexter was ill for several days in Oak Ridge Hospital, but to the relief of his parents and their friends the youngster is well again and anxious for the rain to stop.

Rides Wanted, Offered

Ride wanted from Lenoir City to Central Portal, straight day. W. P. Bonner, plant phone 7428.

Ride wanted from East Fernhill Lane, Oak Ridge, to Central Portal, E Shift. A. C. Haney, plant phone 7608, home phone 5-9391, Oak Ridge.

Car pool member wanted from Clinton to Bear Creek Portal, C Shift. A. G. Harber, plant phone 7-8455, home phone 254-J, Clinton.

Riders wanted from Hollywood Hills, Knoxville, to East or North Portal, straight day. Roy Byrd, plant phone 7508, home phone 8-4910, Knoxville.

Ride wanted or will join car pool from Bearden or West Hills, Knox County, to West Portal, D Shift. R. K. Kirby, plant phone 7733, home phone 8-3958, Knoxville.

Three riders wanted from Harriman to North or Central Portal, straight day. A. J. Bingham, home phone 2175, Harriman.

Ride wanted or will join car pool from vicinity Emory Road and Norris Freeway to North or Central Portal, straight day. Mike Shemanski, plant phone 7444.

Ride wanted from Morgan Baptist Church, Schaad Road, Knox County, to Bear Creek Portal, C Shift. S. M. Melton, plant phone 7417, home phone 8-2077, Knoxville.

All-Russian Program Slated By Symphony Saturday Night

An all-Russian program featuring three of that nation's greatest composers will be presented at 8:15 o'clock Saturday night by the Oak Ridge Symphony Orchestra. Presented under the auspices of the Oak Ridge Civic Music Association, the concert will be given in the auditorium of the Oak Ridge High School. ORCMA members can use Ticket No. 5 for the concert and tickets also may be obtained at the door.

William Dorn, guest pianist for the concert, will present the Shostakovich piano concerto with the orchestra. He is a member of the fine arts faculty of the University of Tennessee. Other numbers on

Research Shared By UCC, Visking For Mutual Aid

New Division Largest Maker Of Polyethylene Film In United States

Recently Union Carbide took a new member into its family when the Visking Corporation became Visking Company, a Division of Union Carbide and Carbon Corporation.

According to Union Carbide's President Morse Dial, "The fact that the research facilities and experience of both Visking and Union Carbide could be shared for our mutual benefit was one of the main reasons for our getting together."

Products Diversification Increased

Visking is the nation's leading supplier of cellulose meat casings and the largest producer of polyethylene film—used in such products as garment bags, appliance covers, blanket bags and weather balloons. By becoming a Division of Union Carbide, Visking will increase the diversity of Corporation products and help tackle problems in research, production and operations.

Looking toward the future is nothing new at Visking. Forty years ago, that Company's founder, Erwin O. Freund, became dissatisfied with existing methods of producing meat casings. To further his ideas he established a research program in 1916, at the Mellon Institute of Research, in Pittsburgh.

First Cellulose Casings Made

What emerged from those laboratory experiments were the first commercially usable cellulose sausage casings, made available to customers when the Visking Corporation was formed in 1925.

Visking started in a small building in the Chicago stockyards, and has since grown to include five plants equipped with modern machines developed along the way.

Increased business for Visking led to newer and larger quarters in a new plant in the Clearing District of Chicago, the present home of the main Food Casing Plant. This move was made in 1932, the same year a Research Division was established by Visking to further the progress the Company and the industry had made.

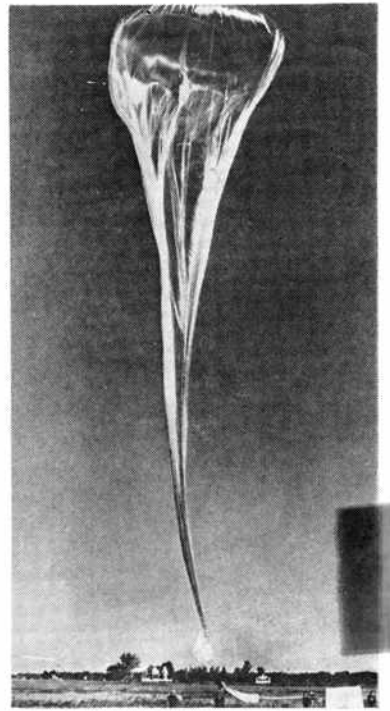
Tubing Valuable In Medicine

Since then Visking has become the nation's leading supplier of cellulose meat casings. Most of these casings are made in the Company's Food Casing Division with plants located in Chicago, and Loudon, Tenn.

In addition to many innovations in the field of meat casings, the Company has developed cellulose tubing that has proved valuable for medical purposes such as intravenous feeding equipment and artificial kidneys.

A Plastics Division, with plants at Terre Haute, Ind.; Fremont, Cal., and Flemington, N.J., was formed in 1946, and its products marketed under the trade-mark "Visqueen." This plastic film is used for packaging food products, textiles, hardware, soap, chemicals, and many other items. The thin-walled polyethylene film is also formed into huge balloons that carry scientific instruments into the stratosphere to record cosmic rays and weather data. The Army uses polyethylene film for weather-proofing guns and ammunition, while farmers use it for weed-free gardening and year-round greenhouses.

the program include the love music from the opera "Boris Godunov," by Musorgsky; and the overture to "A Life for the Tsar," by Glinka.



U. S. NAVY LAUNCHES a balloon made of VISKING plastic. Balloons like this swell to 77 times their starting size, providing floating platforms for recording weather data 100,000 feet above the earth.

Advertising Award Again Won By UCC

For the fourth straight year, Union Carbide and Carbon Corporation has received the Saturday Review's Distinguished Public Interest Advertising Award. The awards have been presented each year by a committee of leading businessmen and educators. After reviewing more than 400 advertisements, they have selected those which best serve "to present ideas, to advance philosophic concepts, to inform and influence public opinion, or to perform some broad public service."

Top advertising men like Harry W. Wilcox, advertising manager, American Telephone and Telegraph Co.; well-known educators like Edmund W. Sinnott, dean of the Yale University Graduate School; and leading publishers like G. D. Crain, Jr., publisher of Advertising Age, were among the judges who chose the UCC "hand ad" campaign as an example of outstanding public-interest advertising.

Although the "hand" advertisements are only six years old, they have won many other distinctions. UCC ads are included, for instance, in the University of Oregon's Advertising Hall of Fame. In addition, the U. S. State Department selected some of the advertisements for an international tour of representative American advertising.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of consecutive Company Service within the next few days:

Emmett L. Moore, Fire Prevention and Control, February 16.
Odeva Mack, General Machine Shop, February 18.

For its size, there is no more savage animal in the world than the weasel. Only 10 inches long, it can worm its way into the runs of rats and mice, hunts its prey by scent and will even fly at the throat of a man.

